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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/636174

Confirmation No. 2104

Applicant : Andrew R. Barron et al.

Filed : August 7, 2003

TC/A.U. : 1713

Examiner : Ling Siu Choi

Docket No. : 1789-11001

Customer No.: 23505

Title: Mechanical Shear Based Synthesis of  
Alumoxane Nanoparticles

**RESPONSE TO OFFICE ACTION  
DATED DECEMBER 16, 2004**

Attorney Dkt. No.: 1373-02201

Date: March 16, 2005

Mailstop Amendments  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

In response to the Office action of December 16, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.